

ABSTRACT OF THE DISCLOSURE

Network interconnection apparatus and method

5 capable of efficiently guaranteeing optimum QoS suited to
the status of actual traffic and network, whereby high-
performance network interconnection is achieved without
entailing lost calls. Routing information managing means
manages routing information of an ATM network, and

10 statistical information managing means manages statistical
information on the traffic of a LAN. QoS setting means sets
QoS which the ATM network ought to guarantee, based on the
statistical information, and QoS guarantee determining means
determines based on the routing information whether or not

15 the set QoS can be guaranteed. If it is judged that the QoS
cannot be guaranteed, QoS adjusting means adjusts the QoS so
that the QoS can be guaranteed. Call connection control
means connects call according to the QoS which can be
guaranteed.

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